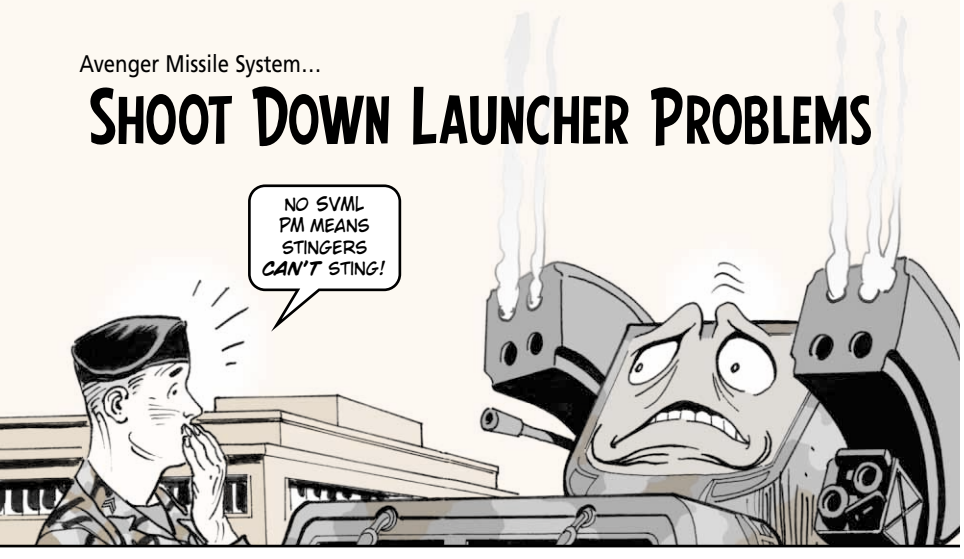
Avenger Missile System...

Shoot Down Launcher Problems



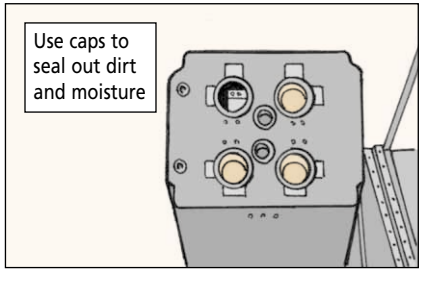
An Avenger with a standard vehicle-mounted launcher (SVML) in bad shape isn't going to sting many enemy aircraft.

But you can shoot down many launcher problems with PM.

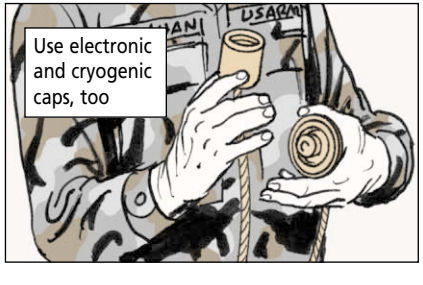
Be Clean

Just a little dirt and moisture can be fatal to your SVML's cryogenics or electronics. They cause firing problems or even no firing. So think clean and dry.

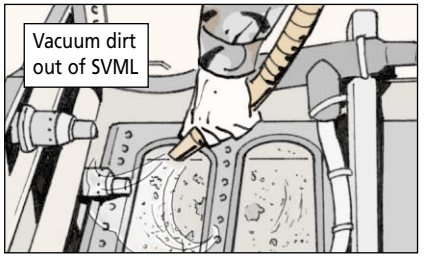
The best way to seal out dirt and moisture is to use the SVML protective caps as much as possible, especially during travel. The caps are cheap, so order plenty of extras. The rear caps come with NSN 5340-00-855-7993, the front caps with NSN 5340-00-157-5624, and the caps for the pressure gauge holes with NSN 5340-01-348-6514.



It's also important to use the caps for the SVML cryogenic and electronic ports as much as possible to further seal out dirt and moisture. Order replacement cryogenic caps with NSN 5340-01-466-1897 and the electronic caps with NSN 5340-01-466-1898.



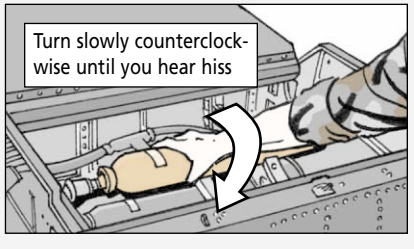
Letting dirt build up inside the SVML isn't going to help keep dirt out of the cryogenics or electronics. Whenever you notice much dirt, use a shop vac to suck it up. Of course, keep the SVMLs closed as much as possible to keep out dirt.

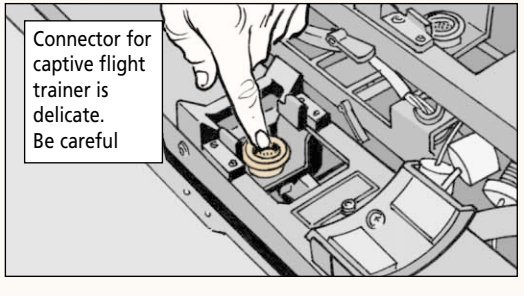


Coolant Reservoir Bottles

Remember that the coolant reservoir bottles are under 6,000 pounds of pressure. When you're installing a bottle in an SVML, make sure nobody is standing behind the launcher. A bottle can take off like a rocket if its coupling malfunctions.

All that pressure can cause leaks if you leave the bottles hooked up when the Avenger sits for weeks in the motor pool. To release the pressure on a bottle, just open its quick-release clamp and turn the bottle slowly counterclockwise until you hear a hiss. Then close and latch the quick-release clamp. Don't let anybody stand behind the launcher while you do this.



Captive Flight Trainer

Be careful plugging in the captive flight trainer. The SVML connector has delicate pins. If you muscle the trainer connector on and bend the pins, it's an expensive and lengthy procedure to replace the SVML connector.